M3N-H/HDMI
- AMD AM2+/AM2 Platform
- Dual-Channel DDR2 -1066/800/667
- NVIDIA Hybrid SLI and DX10 support
- ASUS Express Gate Lite
- ASUS Q-Shield

Specification

CPU	AMD Socket AM2+ / AM2 Phenom FX/Phenom/Athlon /Sempron Processors AMD Cool 'n' Quiet™ Technology AMD Live!™ Ready
Chipset	NVIDIA GeForce 8300
System Bus	Up to 5200/MT/s HyperTransport™ 3.0 interface for AM2+ CPU 2000/1600 MT/s for AM2 CPU
Memory	4 x DIMM, Max. 8 GB, DDR2 1066/800/667 ECC,Non-ECC,Un-buffered Memory Dual Channel memory architecture *DDR2 1066 is supported by AM2+ CPU only **Refer to www.asus.com or user manual for Memory QVL (Qualify Vendor List)
Expansion Slots	1 x PCIe x16 (Support PCIe 2.0 / 1.0 Architecture) 2 x PCIe x1 3 x PCI 2.2
VGA	Integrated NVIDIA GeForce® 8 Series GPU Hybrid SLI™ Support (supports Windows Vista only) Supports HDMI™ Technology with max. resolution up to 1920 x 1200 Supports DVI with max. resolution up to 1920 × 1440 @ 60 Hz Supports D-Sub with max. resolution up to 1920 × 1440 @ 75 Hz HDMI/DVI/RGB Support Supports Microsoft® DirectX 10, OpenGL 2.0, Pixel Shader 4.0 Support PCIe 2.0 / 1.0 Architecture Maximum shared memory of 512MB
Storage	**NVIDIA® GeForce 8300** 1 xUltraDMA 133/100/66/33 6 xSATA 3 Gb/s ports (Use SATA1-4 for IDE mode.) NVIDIA® MediaShield™ RAID Support RAID 0,1,0+1,5,JBOD
LAN	NVIDIA Gigabit MAC Atheros® F1 Gigabit PHY featuring AI NET 2
Audio	Realtek® ALC1200 8 -Channel High Definition Audio CODEC Coaxial S/PDIF out ports at back I/O Support Jack Detection and Multi-streaming
IEEE 1394	LSI® FW322 controller supports 2 x 1394a ports
USB	12 USB 2.0 ports (6 ports at mid-board, 6 ports at back panel)

ASUS AI Lifestyle Features	**ASUS Express Gate Lite** - Web browser, file downloading and uploading* - Further free features upgradable * File downloading and uploading through USB devices only **ASUS Quiet Thermal Solution** - ASUS AI Gear 2 - ASUS AI Nap - ASUS Q-Fan 2 - 4+1 Phases ASUS Power Design **ASUS Crystal Sound** - ASUS Noise Filter **ASUS EZ DIY** - ASUS Q-Connector - ASUS Q-Shield - ASUS EZ Flash 2
Overclocking Features	**Intelligent overclocking tools** - AI Overclocking (intelligent CPU frequency tuner) - ASUS AI Booster Utility **Precision Tweaker** - vDIMM: 8 -step DRAM voltage control - vCore: Adjustable CPU voltage at 0.0125V increment - vChipset 4-step Chipset voltage control **SFS (Stepless Frequency Selection)** - FSB tuning from 200MHz to 600MHz at 1MHz increment - Memory tuning from 533MHz up to 1066MHz - PCI Express frequency tuning from 100MHz up to 200MHz at 1MHz increment **Overclocking Protection** - ASUS C.P.R.(CPU Parameter Recall)
Special Features	ASUS MyLogo 2 Uses 100% All High-quality Conductive Polymer Capacitors!
Back Panel I/O Ports	1 x PS/2 Keyboard 1 x S/PDIF Out 1 x IEEE 1394a 1 x LAN(RJ45) port 6 x USB 2.0/1.1 8 -Channel Audio I/O 1 x HDMI
Internal I/O Connectors	3 x USB connectors support additional 6 USB ports 1 x Floppy disk drive connector 1 x IDE connector 1 x COM connector 1 x VGA connector 6 x SATA connectors 1 x CPU Fan connector 1 x Chassis Fan connector 1 x Power Fan connector Front panel audio connector 1 x S/PDIF Out Header 1 x IEEE1394a connector Chassis Intrusion connector CD audio in

	24-pin ATX Power connector 4-pin ATX 12V Power connector System Panel
BIOS	8 Mb Flash ROM DMI 2.0 PnP WfM 2.0 SM BIOS 2.5 Award BIOS ACPI 2.0 ASUS EZ Flash 2
Accessories	UltraDMA 133/100/66 cable FDD cable SATA cables SATA power cables D-Sub module HDMI to DVI connector Q-Shield User's manual 3 in 1 Q-connector
Support Disc	Drivers Express Gate Lite ASUS PC Probe II ASUS Update ASUS AI Suite Anti-virus software (OEM version)
Form Factor	ATX Form Factor 12 inch x 9.6 inch (30.5 cm x 24.4 cm)

The product (electrical , electronic equipment, Mercury-containing button cell battery) should not be placed in municipal waste. Check local regulations for disposal of electronic products.

* All specifications are subject to change without notice. Please check with your supplier for exact offers. Products may not be available in all markets.
* PCB color and bundled software versions are subject to change without notice.
* Brand and product names mentioned are trademarks of their respective companies.